

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1261212

Luminaire Tested: P3AS24R609050D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261212
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R609050D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

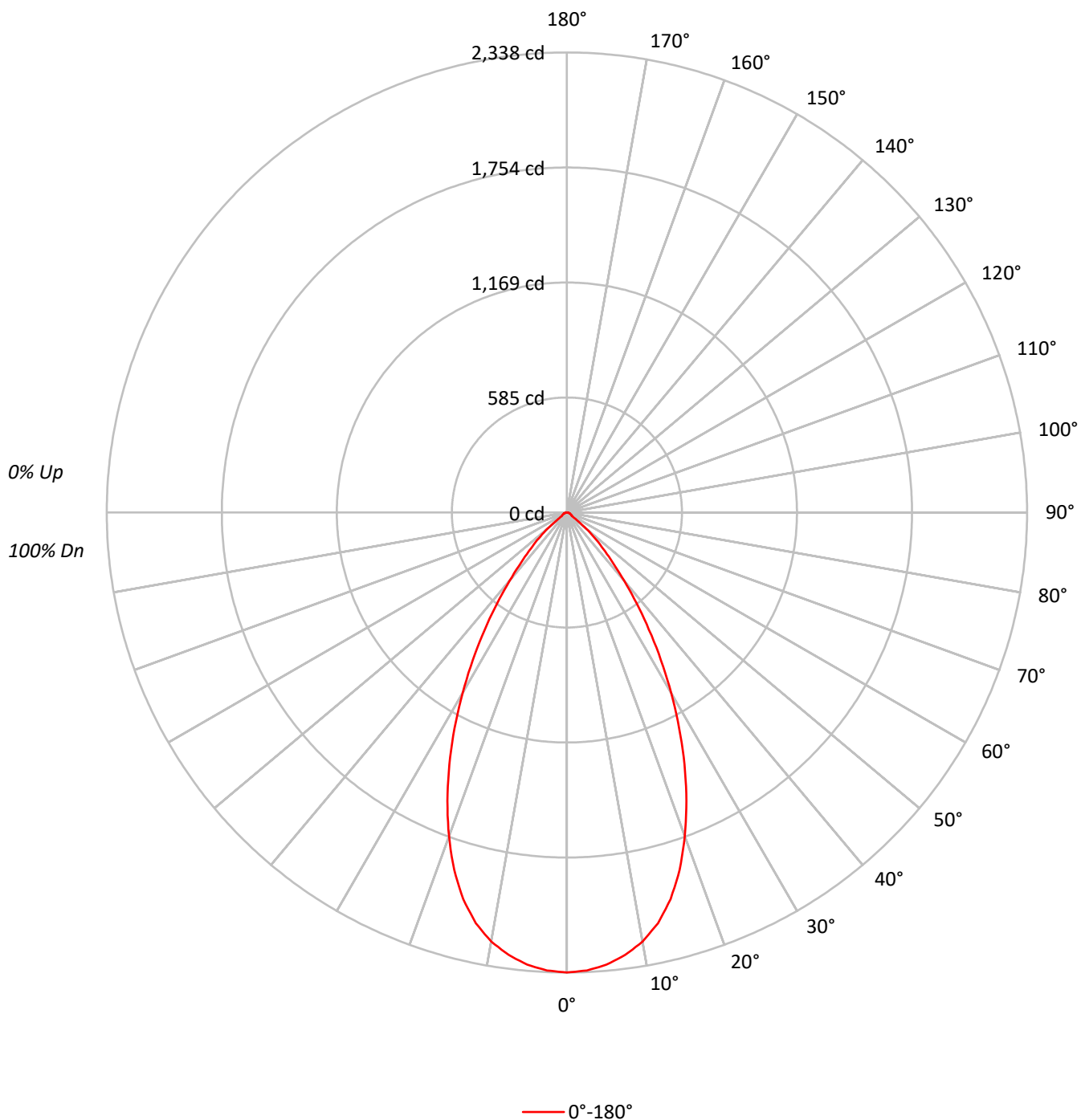
Lumens per Lamp: N/A
Luminaire Lumens: 2171.0 lumens
Efficiency: N/A
Efficacy: 75.4 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1261212

CATALOG NUMBER: P3AS24R609050D010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1261212

CATALOG NUMBER: P3AS24R609050D010 E3DL1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	91	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		78	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	77	68	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	512634
5°	507791
10°	492977
15°	461864
20°	408789
25°	341971
30°	268016
35°	194425
40°	129357
45°	80629
50°	43632
55°	12616
60°	11753
65°	10689
70°	10579
75°	10506
80°	10481
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 80629 cd/sqm

TEST NUMBER: P1261212

CATALOG NUMBER: P3AS24R609050D010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	217.2	10.0
10°-20°	564.5	26.0
20°-30°	643.4	29.6
30°-40°	456.3	21.0
40°-50°	207.0	9.5
50°-60°	43.9	2.0
60°-70°	21.2	1.0
70°-80°	13.1	0.6
80°-90°	4.5	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1425.1	65.6
0°-40°	1881.3	86.7
0°-60°	2132.2	98.2
0°-90°	2171.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2171.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2338	
5°	2307	217
15°	2034	564
25°	1413	643
35°	726	456
45°	260	207
55°	33	44
65°	21	21
75°	12	13
85°	4	5
90°	0	

TEST NUMBER: P1261212

CATALOG NUMBER: P3AS24R609050D010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	2337.8
2.5°	2329.6
5°	2306.9
7.5°	2267.7
10°	2214.0
12.5°	2137.7
15°	2034.5
17.5°	1904.5
20°	1751.8
22.5°	1586.8
25°	1413.4
27.5°	1236.0
30°	1058.5
32.5°	889.3
35°	726.3
37.5°	581.9
40°	451.9
42.5°	342.5
45°	260.0
47.5°	194.0
50°	127.9
52.5°	59.8
55°	33.0
57.5°	28.9
60°	26.8
62.5°	24.8
65°	20.6
67.5°	18.6
70°	16.5
72.5°	14.4
75°	12.4
77.5°	10.3
80°	8.3
82.5°	6.2
85°	4.1
87.5°	2.1
90°	0.0

(END OF REPORT)